

Document code: WFEE

United States Patent and Trademark Office  
Sales Receipt for Accounting Date: 12/13/2006

LBADIE SALE #00000004 Mailroom Dt: 12/04/2006 031728 10743638  
01 FC:1251 120.00 DA

Adjustment date: 02/16/2007 SDIRETAA1 10743638  
12/13/2006 LBADIE 00000004 031728 10743638  
01 FC:1251 120.00 CR

PATENT

2007-02-05 PM 4:29

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 1, 2007.

Vickie D. Wall  
Vickie D. Wall

|                 |   |   |                       |
|-----------------|---|---|-----------------------|
| Applicant       | : | Hyeyong-Gon Noh, et al.   | Confirmation No. 8214 |
| Application No. | : | 10/743,638  |                       |
| Filed           | : | December 22, 2003   |                       |
| Title           | : | ELECTROLYTE FOR RECHARGEABLE LITHIUM BATTERY AND RECHARGEABLE LITHIUM BATTERY COMPRISING SAME |                       |
| Grp./Div.       | : | 1745  |                       |
| Examiner        | : | Laura S. Weiner   |                       |
| Docket No.      | : | 51493/Y35   |                       |

REQUEST FOR REFUND

Mail Stop 16  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
February 1, 2007

Commissioner:

In reviewing our deposit account statement (no. 03-1728) for the month of December 2006, (copy attached) we noted the following incorrect charge:

12/13 10 10743638 51493/DBP/Y35 1251 \$120.00

The charge appears to be the fee for a one-month extension of time for a response to the Office action dated October 26, 2006, which had a one-month due date. Our response was mailed to the USPTO with a Certificate of Mailing on November 27, 2006 (November 26, 2006 was a Sunday), therefore no additional fees were due.

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Application No. 10/743,638

Please refund the \$120.00 fee and credit Deposit Account No. 03-1728.

Respectfully submitted,  
CHRISTIE, PARKER & HALE, LLP

By D. Bruce Prout  
D. Bruce Prout  
Reg. No. 20,958  
626/795-9900

DBP/vdw

Enclosures: Deposit Account Statement for the month of December 2006  
Copy of Office action dated October 26, 2006  
Copy of Response with Certificate of Mailing dated November 27, 2006

VDW PAS721624.1--02/1/07 9:11 AM



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### Deposit Account Statement

**Requested Statement Month:**

December 2006

**Deposit Account Number:**

031728

**Name:**

CHRISTIE PARKER & HALE

**Attention:**

BYRON C. HIBDON

**Address:**

P.O. BOX 7068

**City:**

PASADENA

**State:**

CA

**Zip:**

91109-7068

**Country:**

UNITED STATES

| DATE  | SEQ  | POSTING<br>REF | ATTORNEY<br>DOCKET<br>NBR | FEE<br>CODE | AMT        | BAL         |
|-------|------|----------------|---------------------------|-------------|------------|-------------|
| 12/01 | 79   | 77054130       | 58803/M1018/ DEX          | 7001        | \$325.00   | \$76,957.62 |
| 12/01 | 244  | 78648392       | 55774/I352/ DEX           | 7004        | \$150.00   | \$76,807.62 |
| 12/01 | 245  | 78515626       | M743:53866/L65            | 7004        | \$300.00   | \$76,507.62 |
| 12/01 | 600  | 78382551       | 52152/U68/LTQ             | 7004        | \$150.00   | \$76,357.62 |
| 12/01 | 619  | 78382551       | 52152/U68/LTQ             | 7003        | \$100.00   | \$76,257.62 |
| 12/01 | 758  | 78653184       | 55300/U356/ MM            | 7004        | \$150.00   | \$76,107.62 |
| 12/01 | 18   | 29249613       | 57878/TN220/SAH           | 1463        | \$200.00   | \$75,907.62 |
| 12/01 | 359  | 10562368       | K163:56568/WPC            | 8021        | \$40.00    | \$75,867.62 |
| 12/01 | 1140 | 78549999       | 54203/H362/SAH            | 7004        | \$150.00   | \$75,717.62 |
| 12/01 | 42   | 10569591       | 5341/L510/LTQ             | 2642        | \$150.00   | \$75,567.62 |
| 12/01 | 70   | 2380366        | B553:42082/RJW            | 8521        | \$40.00    | \$75,527.62 |
| 12/01 | 1229 | 78404431       | 52453/Z41-MEG             | 7004        | \$150.00   | \$75,377.62 |
| 12/01 | 1239 | 78758824       | 56456/U350/MM             | 7001        | \$3,250.00 | \$72,127.62 |
| 12/01 | 1300 | 77054659       | 58606/T490/ MM            | 7001        | \$325.00   | \$71,802.62 |
| 12/01 | 1792 | 78655554       | 55279/P765/ DEX           | 7003        | \$100.00   | \$71,702.62 |
| 12/01 | 2022 | 77055014       | 58737/L511/ DEX           | 7001        | \$975.00   | \$70,727.62 |
| 12/01 | 92   | 11326781       | 56672/C685/ DMC           | 2814        | \$65.00    | \$70,662.62 |
| 12/04 | 647  | 29250816       | 58407/G323/ DEX           | 2012        | \$100.00   | \$70,562.62 |
| 12/04 | 648  | 29250816       | 58407/G323/ DEX           | 2112        | \$50.00    | \$70,512.62 |
| 12/04 | 649  | 29250816       | 58407/G323/ DEX           | 2312        | \$65.00    | \$70,447.62 |
| 12/04 | 987  | 29250822       | 57939/G323/ DEX           | 2012        | \$100.00   | \$70,347.62 |
| 12/04 | 989  | 29250822       | 57939/G323/ DEX           | 2312        | \$65.00    | \$70,282.62 |
| 12/04 | 988  | 29250822       | 57939/G323/ DEX           | 2112        | \$50.00    | \$70,232.62 |
| 12/04 | 721  | 76647642       | 58837/K511/ DEX           | 7005        | \$100.00   | \$70,132.62 |
| 12/04 | 223  | 11403659       | A557:59370/ DMC           | 8021        | \$80.00    | \$70,052.62 |
| 12/04 | 318  | 11520495       | M521:58381/DBP            | 8021        | \$40.00    | \$70,012.62 |
| 12/04 | 138  | 29244409       | 58240/T580/ MM            | 2502        | \$400.00   | \$69,612.62 |

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## Deposit Account Statement

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|                           |                    |        |            |             |
|---------------------------|--------------------|--------|------------|-------------|
| 12/04 139 29244409        | 58240/T580/MW      | 8001 ✓ | \$30.00    | \$69,582.62 |
| 12/04 329 11321387        | 56850/Y35/D6P      | 8021 ✓ | \$40.00    | \$69,542.62 |
| 12/04 1277 77055911       | 58818/S318/D6P     | 7001 ✓ | \$650.00   | \$68,892.62 |
| 12/04 52 11606755         | 58759/A400/D6P     | 9204 ✓ | -\$410.00  | \$69,302.62 |
| 12/04 97 11606500         | 58868/A400/D6P     | 9204 ✓ | -\$460.00  | \$69,762.62 |
| 12/04 181 60533861        | V186:54154/D6P     | 8007 ✓ | \$20.00    | \$69,742.62 |
| 12/05 900 78272365        | 50702/P396/LT9     | 7004 ✓ | \$450.00   | \$69,292.62 |
| 12/05 1725 60868498       | 58806/M743/DJ5P    | 1005 ✓ | \$200.00   | \$69,092.62 |
| 12/05 1763 60868502       | 58575/G512/L4T     | 2005 ✓ | \$100.00   | \$68,992.62 |
| 12/05 1124 77056790       | 58592/C439/D6P     | 7001 ✓ | \$650.00   | \$68,342.62 |
| 12/05 1 11041925          | 53966/CM/1351      | 2201 ✓ | \$200.00   | \$68,142.62 |
| 12/05 2 11041925          | 53966/CM/1351      | 2202 ✓ | \$50.00    | \$68,092.62 |
| 12/05 3 11041925          | 53966/CM/1351      | 2202 ✓ | \$25.00    | \$68,067.62 |
| 12/05 2271 78764118       | 56522/H350/MM      | 7001 ✓ | \$650.00   | \$67,417.62 |
| 12/05 2383 78611289       | I267:543647/JWP    | 7004 ✓ | \$150.00   | \$67,267.62 |
| 12/05 2392 77057230       | 52251/M714/D2K     | 7001 ✓ | \$325.00   | \$66,942.62 |
| 12/06 252 10643794        | 50925/DBP/A400     | 1201 ✓ | \$600.00   | \$66,342.62 |
| 12/06 1058 77057606       | 57789/W444/MM      | 7001 ✓ | \$325.00   | \$66,017.62 |
| 12/06 1784 PCT/US06/61623 | 58855P/G512/L4T    | 1601 ✓ | \$300.00   | \$65,717.62 |
| 12/06 1785 PCT/US06/61623 | 58855P/G512/L4T    | 1602 ✓ | \$1,000.00 | \$64,717.62 |
| 12/06 1786 PCT/US06/61623 | 58855P/G512/L4T    | 1701 ✓ | \$1,008.00 | \$63,709.62 |
| 12/06 1787 PCT/US06/61623 | 58855P/G512/L4T    | 1703 ✓ | \$180.00   | \$63,529.62 |
| 12/06 1839 11567119       | 58356/N220/JEJ     | 4011 ✓ | \$75.00    | \$63,454.62 |
| 12/06 1840 11567119       | 58356/N220/JEJ     | 2111 ✓ | \$250.00   | \$63,204.62 |
| 12/06 1841 11567119       | 58356/N220/JEJ     | 2311 ✓ | \$100.00   | \$63,104.62 |
| 12/06 1842 11567119       | 58356/N220/JEJ     | 2202 ✓ | \$75.00    | \$63,029.62 |
| 12/06 1843 11567119       | 58356/N220/JEJ     | 2201 ✓ | \$100.00   | \$62,929.62 |
| 12/06 1152 78500806       | 53633/H320/JWP/TT  | 7003 ✓ | \$100.00   | \$62,829.62 |
| 12/06 1172 78500806       | 53633/H320/JWP/TT  | 7004 ✓ | \$150.00   | \$62,679.62 |
| 12/06 395 11518100        | 58169/S1187/D6P    | 8021 ✓ | \$40.00    | \$62,639.62 |
| 12/06 396 11517727        | 57958/S1187/D6P    | 8021 ✓ | \$40.00    | \$62,599.62 |
| 12/06 398 11519488        | 58327/S295/D6P     | 8021 ✓ | \$40.00    | \$62,559.62 |
| 12/06 400 11517140        | 57991/Y35/D6P      | 8021 ✓ | \$40.00    | \$62,519.62 |
| 12/06 402 11515293        | 58312/S1187/D6P    | 8021 ✓ | \$40.00    | \$62,479.62 |
| 12/06 99 11112119         | 54920/WPC/5/D45    | 2252 ✓ | \$225.00   | \$62,254.62 |
| 12/06 405 11518003        | 57944/Y35/D6P      | 8021 ✓ | \$40.00    | \$62,214.62 |
| 12/06 235 10687847        | 47994/THD/D359     | 1501 ✓ | \$1,400.00 | \$60,814.62 |
| 12/06 236 10687847        | 47994/THD/D359     | 1504 ✓ | \$300.00   | \$60,514.62 |
| 12/06 237 10687847        | 47994/THD/D359     | 8001 ✓ | \$30.00    | \$60,484.62 |
| 12/06 67 09833969         | 42254/DMC/C685     | 2252 ✓ | \$225.00   | \$60,259.62 |
| 12/06 213 11542010        | 58740/H673/JWP     | 2202 ✓ | \$150.00   | \$60,109.62 |
| 12/07 4 78272361          | 50700/P396/L4T     | 7004 ✓ | \$600.00   | \$59,509.62 |
| 12/07 16 78272363         | 50701/P396/L4T     | 7004 ✓ | \$600.00   | \$58,909.62 |
| 12/07 87 78490923         | 53392/E87/WGM      | 7004 ✓ | \$300.00   | \$58,609.62 |
| 12/07 1088 2414235        | 28794/A51/UNJ      | 7205 ✓ | \$100.00   | \$58,509.62 |
| 12/07 1089 2414235        | 28794/A51/UNJ      | 7208 ✓ | \$200.00   | \$58,309.62 |
| 12/07 1179 78976604       | 55504.01/A840/LGJN | 7004 ✓ | \$900.00   | \$57,409.62 |
| 12/07 1919 11520286       | 58110/B884/MEG     | 1051 ✓ | \$130.00   | \$57,279.62 |

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## Deposit Account Statement

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|            |                |                    |      |          |             |
|------------|----------------|--------------------|------|----------|-------------|
| 12/12 3    | PCT/US06/41886 | 55868/1316/TJD     | 9204 | \$700.00 | \$44,067.62 |
| 12/12 2366 | 2413272        | 35285/M714/724     | 7205 | \$100.00 | \$43,967.62 |
| 12/13 2    | 10566144       | M521:57036/DBP     | 8021 | \$40.00  | \$43,927.62 |
| 12/13 1024 | 60869658       | P839:58794/WPC     | 2005 | \$100.00 | \$43,827.62 |
| 12/13 1411 | 11020752       | 53971/RRT/T442     | 2253 | \$510.00 | \$43,317.62 |
| 12/13 1663 | 11609772       | K163/58944/TJD     | 1011 | \$300.00 | \$43,017.62 |
| 12/13 1664 | 11609772       | K163/58944/TJD     | 1111 | \$500.00 | \$42,517.62 |
| 12/13 1665 | 11609772       | K163/58944/TJD     | 1311 | \$200.00 | \$42,317.62 |
| 12/13 2119 | 09690796       | 39477/RRT/S850     | 1814 | \$130.00 | \$42,187.62 |
| 12/13 2120 | 09690796       | 39477/RRT/S850     | 1806 | \$180.00 | \$42,007.62 |
| 12/13 102  | 10992881       | 53905/DJB/M743     | 1801 | \$790.00 | \$41,217.62 |
| 12/13 375  | 11515364       | S1187:56688/DBP    | 8021 | \$40.00  | \$41,177.62 |
| 12/13 10   | 10743638       | 51493/DBP/Y35      | 1251 | \$120.00 | \$41,057.62 |
| 12/13 45   | 10992881       | 53905/DJB/M743     | 1801 | \$790.00 | \$40,267.62 |
| 12/13 2383 | 78487302       | 53537/ERS/M534     | 7004 | \$150.00 | \$40,117.62 |
| 12/14 49   | PP16863        | A400:52284/D3P     | 8003 | \$45.00  | \$40,072.62 |
| 12/14 50   | PP16634        | A400:51224/D3P     | 8003 | \$45.00  | \$40,027.62 |
| 12/14 51   | PP16138        | A400:50624/D3P     | 8003 | \$45.00  | \$39,982.62 |
| 12/14 887  | 78410722       | 52479/M714/DRP     | 7004 | \$450.00 | \$39,532.62 |
| 12/14 2210 | 11561276       | 58193/H611/LJP     | 1011 | \$300.00 | \$39,232.62 |
| 12/14 2214 | 11561276       | 58193/H611/LJP     | 1201 | \$400.00 | \$38,832.62 |
| 12/14 2213 | 11561276       | 58193/H611/LJP     | 1202 | \$100.00 | \$38,732.62 |
| 12/14 2211 | 11561276       | 58193/H611/LJP     | 1111 | \$500.00 | \$38,232.62 |
| 12/14 2212 | 11561276       | 58193/H611/LJP     | 1311 | \$200.00 | \$38,032.62 |
| 12/14 1249 | 77063828       | 58958/P396/LJP     | 7001 | \$325.00 | \$37,707.62 |
| 12/14 1253 | 76537163       | 49051/R563/LJP     | 7004 | \$150.00 | \$37,557.62 |
| 12/14 375  | 29269227       | 58728/D521/DRP     | 8021 | \$40.00  | \$37,517.62 |
| 12/14 1318 | 78663128       | 55299/U356/MM      | 7004 | \$150.00 | \$37,367.62 |
| 12/14 386  | 10568567       | 57152/D587/DRP     | 8021 | \$40.00  | \$37,327.62 |
| 12/14 25   | 10984074       | 53787/DJB/V232     | 2202 | \$200.00 | \$37,127.62 |
| 12/14 73   | 10373516       | 49362/DMC/C685     | 2253 | \$510.00 | \$36,617.62 |
| 12/14 480  | 78963199       | G411:58324-ECM/LJN | 8507 | \$15.00  | \$36,602.62 |
| 12/15 111  | 10930397       | 53422/S968/LAG     | 8021 | \$40.00  | \$36,562.62 |
| 12/15 557  | 77064594       | 58521/DBP/C721     | 7001 | \$325.00 | \$36,237.62 |
| 12/15 572  | 77064602       | 58523/DBP/C721     | 7001 | \$325.00 | \$35,912.62 |
| 12/15 601  | 77064616       | 58524/DBP/C721     | 7001 | \$325.00 | \$35,587.62 |
| 12/15 353  | 11521931       | 58071/L550/DRP     | 8021 | \$40.00  | \$35,547.62 |
| 12/15 354  | 11521849       | 58182/S1082/DRP    | 8021 | \$40.00  | \$35,507.62 |
| 12/15 356  | 11541037       | 58425/Y357/DRP     | 8021 | \$40.00  | \$35,467.62 |
| 12/15 363  | 11528854       | S1170:57994/DBP    | 8021 | \$40.00  | \$35,427.62 |
| 12/15 367  | 11527750       | L550:58362/DBP     | 8021 | \$40.00  | \$35,387.62 |
| 12/15 1005 | 77064832       | 58879/T490/MM      | 7001 | \$325.00 | \$35,062.62 |
| 12/15 622  | 11514318       | 56825/DBP/S1187    | 8021 | \$40.00  | \$35,022.62 |
| 12/18 198  | 78777915       | 56738/H320/JWP     | 7002 | \$100.00 | \$34,922.62 |
| 12/18 434  | 78754631       | 56218/H320/JWP     | 7002 | \$100.00 | \$34,822.62 |
| 12/18 489  | 78777906       | 56737/H320/JWP     | 7002 | \$100.00 | \$34,722.62 |
| 12/18 3    | 10573613       | 57428/M721/DRP     | 9204 | \$100.00 | \$34,822.62 |
| 12/18 646  | 77065598       | 58690/C1068/SAH    | 7001 | \$325.00 | \$34,497.62 |

## Deposit Account Statement

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|            |                 |                 |   |      |              |           |
|------------|-----------------|-----------------|---|------|--------------|-----------|
| 12/18 668  | 77065612        | 58970/K511/0A1  | ✓ | 7007 | \$275.00     | \$34,222. |
| 12/18 14   | 10921616        | 52778/RAG/S968  | ✓ | 1801 | \$790.00     | \$33,432. |
| 12/18 573  | 11433176        | 55944/S1187/DBP | ✓ | 8021 | \$40.00      | \$33,392. |
| 12/18 592  | 11541292        | 58447/Y35/DBP   | ✓ | 8021 | \$40.00      | \$33,352. |
| 12/18 599  | 11515321        | 58292/Y35/DBP   | ✓ | 8021 | \$40.00      | \$33,312. |
| 12/18 602  | 11520147        | 57077/S1187/DBP | ✓ | 8021 | \$40.00      | \$33,272. |
| 12/18 609  | 11521321        | 57073/S1187/DBP | ✓ | 8021 | \$40.00      | \$33,232. |
| 12/18 618  | 11521563        | 57074/S1187/DBP | ✓ | 8021 | \$40.00      | \$33,192. |
| 12/18 619  | 11523967        | 57075/S1187/DBP | ✓ | 8021 | \$40.00      | \$33,152. |
| 12/18 621  | 11528188        | 58446/Y35/DBP   | ✓ | 8021 | \$40.00      | \$33,112. |
| 12/19 1    | 60875005        | 58885/B317/DJB  | ✓ | 2005 | \$100.00     | \$33,012. |
| 12/19 318  | 6866757         | 58501/S1042/JDC | ✓ | 8021 | \$40.00      | \$32,972. |
| 12/19 1814 | 11512461        | 58070/B884/MEG  | ✓ | 1051 | \$130.00     | \$32,842. |
| 12/19 1815 | 11512461        | 58070/B884/MEG  | ✓ | 1251 | \$120.00     | \$32,722. |
| 12/19 328  | 6866757         | 58501/S1042/JDC | ✓ | 8021 | \$40.00      | \$32,682. |
| 12/19 2145 | 11612328        | 58883/L471/JWP  | ✓ | 4011 | \$75.00      | \$32,607. |
| 12/19 2146 | 11612328        | 58883/L471/JWP  | ✓ | 2111 | \$250.00     | \$32,357. |
| 12/19 2147 | 11612328        | 58883/L471/JWP  | ✓ | 2311 | \$100.00     | \$32,257. |
| 12/19 2443 | 11612372        | W491:57083/DMC  | ✓ | 4011 | \$75.00      | \$32,182. |
| 12/19 2444 | 11612372        | W491:57083/DMC  | ✓ | 2111 | \$250.00     | \$31,932. |
| 12/19 2445 | 11612372        | W491:57083/DMC  | ✓ | 2311 | \$100.00     | \$31,832. |
| 12/19 2446 | 11612372        | W491:57083/DMC  | ✓ | 2201 | \$200.00     | \$31,632. |
| 12/19 437  | 29267083        | F50:58557/DBP   | ✓ | 8021 | \$40.00      | \$31,592. |
| 12/19 107  | 1702467         | 47735/M816/AW   | ✓ | 8521 | \$40.00      | \$31,552. |
| 12/19 108  | 1702467         | 47735/M816/AW   | ✓ | 8522 | \$25.00      | \$31,527. |
| 12/19 1260 | 2022874         | 37814/S913-RAG  | ✓ | 7205 | \$100.00     | \$31,427. |
| 12/19 1261 | 2022874         | 37814/S913-RAG  | ✓ | 7201 | \$400.00     | \$31,027. |
| 12/19 78   | 60875394        | 58884/B317/DJB  | ✓ | 2005 | \$100.00     | \$30,927. |
| 12/19 259  | 11029310        | 52077/DMC/C685  | ✓ | 2251 | \$60.00      | \$30,867. |
| 12/20 1    | 79015345        | 57638/5307/DJB  | ✓ | 6403 | \$100.00     | \$30,767. |
| 12/20 317  | 5529152         | G491:30/DBP     | ✓ | 8021 | \$240.00     | \$30,527. |
| 12/20 1280 | 78675828        | H226:55669/M1M  | ✓ | 7004 | \$150.00     | \$30,377. |
| 12/20 175  | 10930397        | 53422/DJB/S968  | ✓ | 2501 | \$700.00     | \$29,677. |
| 12/20 176  | 10930397        | 53422/DJB/S968  | ✓ | 1504 | \$300.00     | \$29,377. |
| 12/20 177  | 10930397        | 53422/DJB/S968  | ✓ | 8001 | \$30.00      | \$29,347. |
| 12/20 69   | 10155801        | 47507/DMC/F179  | ✓ | 1202 | \$50.00      | \$29,297. |
| 12/20 70   | 10155801        | 47507/DMC/F179  | ✓ | 1253 | \$1,020.00   | \$28,277. |
| 12/20 156  | 2877166         | 49395/C951/M1M  | ✓ | 8521 | \$40.00      | \$28,237. |
| 12/20 157  | 2877166         | 49395/C951/M1M  | ✓ | 8522 | \$25.00      | \$28,212. |
| 12/21 11   | É-REPLENISHMENT | 58489/B583      | ✓ | 9203 | -\$75,000.00 | \$103,212 |
| 12/21 290  | 10666205        |                 | ✓ | 8021 | \$40.00      | \$103,172 |
| 12/21 3129 | 60871102        |                 | ✓ | 1005 | \$200.00     | \$102,972 |
| 12/21 1371 | 78637541        | 55221/C806      | ✓ | 7003 | \$100.00     | \$102,872 |
| 12/21 399  | 11515388        | S1187:56826/DBP | ✓ | 8021 | \$40.00      | \$102,832 |
| 12/21 11   | 11474028        | 57516/C766      | ✓ | 2051 | \$65.00      | \$102,767 |
| 12/21 36   | 78604630        | 110.2*6/B844    | ✓ | 7402 | \$300.00     | \$102,467 |
| 12/21 37   | 6545567         | 56807/V165      | ✓ | 1551 | \$130.00     | \$102,337 |
| 12/21 39   | 6545567         | 56807/V165      | ✓ | 1554 | \$130.00     | \$102,207 |

## Deposit Account Statement

Page 6 of 7

|                     |                      |        |          |           |
|---------------------|----------------------|--------|----------|-----------|
| 12/21 4878 10573148 | 53601/L471/PA61      | 2251 ✓ | \$60.00  | \$102,147 |
| 12/22 1 10846314    | 52407/RDS/A797       | 1253 ✓ | \$510.00 | \$101,637 |
| 12/22 711 78851769  | 57488/D569 /WWM      | 7005 ✓ | \$100.00 | \$101,537 |
| 12/22 712 78851769  | 57488/D569 /WWM      | 7001 ✓ | \$325.00 | \$101,212 |
| 12/22 1060 1422842  | 18716/Z22 /G5L       | 7205 ✓ | \$100.00 | \$101,112 |
| 12/22 1061 1422842  | 18716/Z22 /G5L       | 7201 ✓ | \$400.00 | \$100,712 |
| 12/22 197 10455873  | 50164/RAG/C766       | 2501 ✓ | \$700.00 | \$100,012 |
| 12/22 198 10455873  | 50164/RAG/C766       | 1504 ✓ | \$300.00 | \$99,712  |
| 12/22 199 10455873  | 50164/RAG/C766       | 8001 ✓ | \$30.00  | \$99,682  |
| 12/22 99 11498931   | 57776/B884 /MEC      | 1051 ✓ | \$130.00 | \$99,552  |
| 12/22 100 11498931  | 57776/B884 /MEC      | 1252 ✓ | \$450.00 | \$99,102  |
| 12/22 23 09944534   | 47013/SAH/S850       | 1251 ✓ | \$120.00 | \$98,982  |
| 12/22 5 10542177    | 155503/530717B       | 9204 ✓ | -\$50.00 | \$99,032  |
| 12/26 1 10679820    | 51005/M66/M60        | 2251 ✓ | \$60.00  | \$98,972  |
| 12/26 11 11542744   | Y35:58334/DBP        | 8021 ✓ | \$40.00  | \$98,932  |
| 12/26 88 78538699   | 54118/A23 /GJN       | 7004 ✓ | \$300.00 | \$98,632  |
| 12/26 129 78275742  | 50732/R563 /GJN      | 7004 ✓ | \$300.00 | \$98,332  |
| 12/26 154 78381112  | 52304/G440 /MM       | 7003 ✓ | \$600.00 | \$97,732  |
| 12/26 74 11498931   | B884:57776/SM        | 8021 ✓ | \$40.00  | \$97,692  |
| 12/26 319 77070575  | 58828/H669 /WGM      | 7001 ✓ | \$325.00 | \$97,367  |
| 12/26 228 10571411  | 57056/M521 /DBP      | 8021 ✓ | \$40.00  | \$97,327  |
| 12/26 691 78462150  | 53215/S1147 /SAH     | 7004 ✓ | \$150.00 | \$97,177  |
| 12/26 696 78508696  | 53817/H362 /SAH      | 7004 ✓ | \$150.00 | \$97,027  |
| 12/26 310 11543724  | S1187:58363/DBP      | 8021 ✓ | \$40.00  | \$96,987  |
| 12/26 312 11543468  | L550:58289/DBP       | 8021 ✓ | \$40.00  | \$96,947  |
| 12/26 32 11137743   | 55189/DMC/S584       | 1801 ✓ | \$790.00 | \$96,157  |
| 12/26 33 11137743   | 55189/DMC/S584       | 1251 ✓ | \$120.00 | \$96,037  |
| 12/26 36 60876246   | 58903/K163 /THD      | 1005 ✓ | \$200.00 | \$95,837  |
| 12/27 196 78511642  | 53723/G504/DJS/LLB   | 7004 ✓ | \$300.00 | \$95,537  |
| 12/27 213 78511648  | 53711/G504/DJS/LLB   | 7004 ✓ | \$150.00 | \$95,387  |
| 12/27 242 78415265  | 52404/G504/DJS/LLB   | 7004 ✓ | \$150.00 | \$95,237  |
| 12/27 969 60871911  | 59000/H675 /PA61     | 2005 ✓ | \$100.00 | \$95,137  |
| 12/27 1 11229117    | 55436/DBP/Y35        | 1201 ✓ | \$200.00 | \$94,937  |
| 12/27 493 2514113   | 58632/A677-AW        | 7205 ✓ | \$100.00 | \$94,837  |
| 12/27 494 2514113   | 58632/A677-AW        | 7208 ✓ | \$200.00 | \$94,637  |
| 12/27 496 1463487   | 58632/A677-AW        | 7205 ✓ | \$100.00 | \$94,537  |
| 12/27 497 1463487   | 58632/A677-AW        | 7201 ✓ | \$400.00 | \$94,137  |
| 12/27 506 2033687   | 58630/A677-AW        | 7205 ✓ | \$100.00 | \$94,037  |
| 12/27 507 2033687   | 58630/A677-AW        | 7201 ✓ | \$400.00 | \$93,637  |
| 12/27 6 11517547    | 58325/M521 /DBP      | 9204 ✓ | -\$50.00 | \$93,687  |
| 12/27 6 10814618    | 52230/DBP/A400       | 1504 ✓ | \$300.00 | \$93,387  |
| 12/27 506 29268217  | 58644/M522 /PA61     | 8021 ✓ | \$40.00  | \$93,347  |
| 12/28 89 6468563    | (550)39524/M521 /DBP | 8021 ✓ | \$40.00  | \$93,307  |
| 12/28 1470 10632347 | 50679/RAG/C766       | 2801 ✓ | \$395.00 | \$92,912  |
| 12/28 709 77072123  | 58892/A23 /GJN       | 7001 ✓ | \$650.00 | \$92,262  |
| 12/28 314 10570636  | M521:57058/DBP       | 8021 ✓ | \$40.00  | \$92,222  |
| 12/28 326 11518042  | 57376/S1187 /PA61    | 8021 ✓ | \$40.00  | \$92,182  |
| 12/28 327 11512649  | 56926/S1187 /DBP     | 8021 ✓ | \$40.00  | \$92,142  |

## Deposit Account Statement

Page 7 of 7

|            |           |                  |        |            |            |
|------------|-----------|------------------|--------|------------|------------|
| 12/28 328  | 11521522  | 57072/S1187/086  | 8021 ✓ | \$40.00    | \$92,102.1 |
| 12/28 69   | 09919365  | 45621/FLC/F179   | 1801 ✓ | \$790.00   | \$91,312.1 |
| 12/28 70   | 09919365  | 45621/FLC/F179   | 1251 ✓ | \$120.00   | \$91,192.1 |
| 12/29 1897 | 11617540  | 57811/A647/P30   | 1011 ✓ | \$300.00   | \$90,892.1 |
| 12/29 1900 | 11617540  | 57811/A647/DJB   | 1202 ✓ | \$1,000.00 | \$89,892.1 |
| 12/29 1901 | 11617540  | 57811/A647/DJB   | 1201 ✓ | \$200.00   | \$89,692.1 |
| 12/29 1899 | 11617540  | 57811/A647/DJB   | 1311 ✓ | \$200.00   | \$89,492.1 |
| 12/29 1898 | 11617540  | 57811/A647/DJB   | 1111 ✓ | \$500.00   | \$88,992.1 |
| 12/29 17   | 10789218  | 52057/MEG/B603   | 2801 ✓ | \$395.00   | \$88,597.1 |
| 12/29 652  | 78327017  | 51520/R563/GJN   | 7004 ✓ | \$150.00   | \$88,447.1 |
| 12/29 658  | 78531433  | 54055/T558/GJN   | 7004 ✓ | \$150.00   | \$88,297.1 |
| 12/29 663  | 78395729  | 52327/R563/GJN   | 7004 ✓ | \$150.00   | \$88,147.1 |
| 12/29 288  | 11524234  | 57953/S1187/086  | 8021 ✓ | \$40.00    | \$88,107.1 |
| 12/29 290  | 11595549  | 58610/A400/DJB   | 8021 ✓ | \$40.00    | \$88,067.1 |
| 12/29 294  | 11493150  | 58120US/M981/IVN | 8021 ✓ | \$40.00    | \$88,027.1 |
| 12/29 296  | US0628962 |                  | 8021 ✓ | \$40.00    | \$87,987.1 |
| 12/29 721  | 2027454   | 26807/G207/DAB   | 7205 ✓ | \$100.00   | \$87,887.1 |
| 12/29 722  | 2027454   | 26807/G207/DAB   | 7201 ✓ | \$400.00   | \$87,487.1 |
| 12/29 769  | 78903326  | D569/57785/WWM   | 7001 ✓ | \$325.00   | \$87,162.1 |
| 12/29 109  | 10794785  | 52050/DMC/S965   | 1251 ✓ | \$120.00   | \$87,042.1 |
| 12/29 64   | 11417474  | 57635/C685/DMC   | 2201 ✓ | \$100.00   | \$86,942.1 |
| 12/29 65   | 11417474  | 57635/C685/DMC   | 2202 ✓ | \$575.00   | \$86,367.1 |

| START BALANCE | SUM OF CHARGES | SUM OF REPLENISH | END BALANCE |
|---------------|----------------|------------------|-------------|
| \$77,282.62   | \$68,060.00    |                  | \$77,145.00 |
|               |                |                  | \$86,367.62 |

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UNITED STATES PATENT AND TRADEMARK OFFICE

10/26/2006  
SCA 51493

DBP

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/743,638      | 12/22/2003  | Hyeng-Gon Noh        | 51493/DBP/Y35       | 8214             |

23363 7590 10/26/2006  
CHRISTIE, PARKER & HALE, LLP  
PO BOX 7068  
PASADENA, CA 91109-7068

Y35:

51493 ACTION 11/26/06  
REMINDER \_\_\_\_\_ DUE DATE 11/26/06  
DEADLINE 11/16/06

RECEIVED

OCT 31 2006

CHRISTIE, PARKER & HALE, LLP

DATE MAILED: 10/26/2006

EXAMINER

WEINER, LAURA S.

ART UNIT

PAPER NUMBER

1745

Please find below and/or attached an Office communication concerning this application or proceeding.

|                              |                             |                  |  |
|------------------------------|-----------------------------|------------------|--|
| <b>Office Action Summary</b> | Application No.             | Applicant(s)     |  |
|                              | 10/743,638                  | NOH ET AL.       |  |
|                              | Examiner<br>Laura S. Weiner | Art Unit<br>1745 |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1) Responsive to communication(s) filed on 29 December 2003.  
 2a) This action is FINAL.      2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*; 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4) Claim(s) 1-18 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) \_\_\_\_\_ is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) 1-18 are subject to restriction and/or election requirement.

**Application Papers**

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \*    c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
 \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1) Notice of References Cited (PTO-892)  
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  
 3) Information Disclosure Statement(s) (PTO/SB/08)  
     Paper No(s)/Mail Date \_\_\_\_\_

4) Interview Summary (PTO-413)  
     Paper No(s)/Mail Date. \_\_\_\_\_

5) Notice of Informal Patent Application

6) Other: \_\_\_\_\_

**DETAILED ACTION**

***Election/Restrictions***

1. Claims are generic to the following disclosed patentably distinct species: An electrolyte comprising an additive represented by Formula 1 and a non-aqueous solvent. The species are independent or distinct because The additive has an X component that is a functional group that includes Y where X can be SO<sub>2</sub>, CO, SO or PO and Y can be B, C, Si, N, P or S. The additive has an A component which can be O or NR. The non-aqueous organic solvent can be a cyclic carbonate, a linear carbonate, an ester, an ether, a ketone or mixtures thereof. The solvent can also further include an halogenated benzene. Applicant is required under 35 U.S.C. 121 to elect a single disclosed species, even though this requirement is traversed. Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election. Please define X, Y and A for the additive and chose a solvent or solvent system citing if the halogenated benzene is present.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which depend from or otherwise require all the limitations of an allowable generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species.

MPEP § 809.02(a).

2. A telephone call was not made to request an oral election to the above restriction requirement, therefore did not result in an election being made.

Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Should applicant traverse on the ground that the inventions or species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions or species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C.103(a) of the other invention.

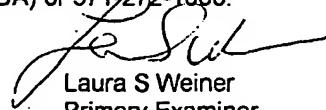
3. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Art Unit: 1745

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Laura S. Weiner whose telephone number is 571-272-1294. The examiner can normally be reached on M-F (6:30-4:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Ryan can be reached on 571-272-1292. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Laura S Weiner  
Primary Examiner  
Art Unit 1745

October 25, 2006

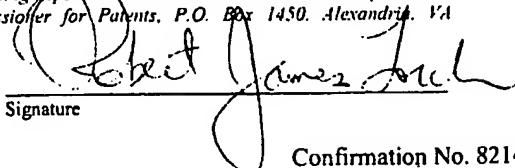
**BEST AVAILABLE COPY**

## PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
AMENDMENT TRANSMITTAL LETTER

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 27, 2006.

Signature



Applicant : Hyeong-Gon Noh, et al.  
 Application No. : 10/743,638  
 Filed : December 22, 2003  
 Title : ELECTROLYTE FOR RECHARGEABLE LITHIUM BATTERY AND  
 RECHARGEABLE LITHIUM BATTERY COMPRISING SAME

Grp./Div. : 1745  
 Examiner : Laura S. Weiner

Docket No. : 51493/Y35

Confirmation No. 8214

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Post Office Box 7068  
 Pasadena, CA 91109-7068  
 November 27, 2006

Commissioner:

Enclosed is an amendment to the above-identified application.

| CLAIMS AS AMENDED             |                                  |                         |                     |                   |                   |     |
|-------------------------------|----------------------------------|-------------------------|---------------------|-------------------|-------------------|-----|
|                               | Claims Remaining After Amendment | Highest Number Paid For | Number Extra Claims | Small Entity Rate | Large Entity Rate | FEE |
| Total Claims Fee              | 20                               | *20                     | 0                   | x \$25.00         | x \$50.00         | 0   |
| Independent Claims            | 3                                | ** 3                    | 0                   | x \$100.00        | x \$200.00        | 0   |
| Multiple Dependent Claims *** |                                  |                         |                     | \$180.00          | \$360.00          | 0   |
| TOTAL FILING FEE              |                                  |                         |                     |                   |                   | 0   |
| NO ADDITIONAL FEE REQUIRED    | IF NO FEE REQUIRED, INSERT "0"   |                         |                     |                   |                   | 0   |

LIST INDEPENDENT CLAIMS: 1,9, 18

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**Amendment Transmittal Letter**  
**Application No. 10/743,638**

• IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3  
•• IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3  
••• PAY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST  
TIME

Attached is our check for \$ to pay the fees calculated above.  
A Petition for Extension of Time and the required fee are enclosed.  
Other enclosures:

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. A copy of this letter is enclosed.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By   
David A. Plumley  
Reg. No. 37,208  
626/795-9900

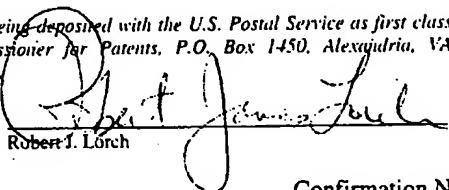
DAP/rjl

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 27, 2006.*

  
Robert J. Lorch

Confirmation No. 8214

Appl No. : 10/743,638  
Applicant : Hyeong-Gon Noh, et al.  
Filed : December 22, 2003  
Title : ELECTROLYTE FOR RECHARGEABLE LITHIUM BATTERY AND  
RECHARGEABLE LITHIUM BATTERY COMPRISING SAME  
  
TC/A.U. : 1745  
Examiner : Laura S. Weiner  
  
Docket No. : 51493/Y35  
Customer No. : 23363

RESPONSE TO RESTRICTION REQUIREMENT AND AMENDMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
November 27, 2006

Commissioner:

In response to the Office action of October 26, 2006, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.

**Appln No. 10/743,638  
Amdt date November 27, 2006  
Reply to Office action of October 26, 2006**

**Amendments to the Specification:**

Please replace the paragraph on page 1, lines 5-7 with the following paragraph:

This application claims priority to an Korean patent application No. 2002-84987 filed in the Korean Intellectual Property Office on December 27, 2002, the entire disclosure of which is incorporated hereinto by reference.

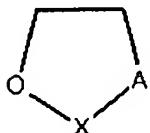
Appn No. 10/743,638  
Amdt date November 27, 2006  
Reply to Office action of October 26, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) An electrolyte for a rechargeable lithium battery comprising:  
a non-aqueous organic solvent;  
a lithium salt; and  
an additive represented by formula 1:



(1)

where X is a functional group that includes Y, where Y is an element selected from Groups 3, 4, 5, and 6 of the Periodic Table; and

A is O or NR, where R is a C<sub>1</sub> to C<sub>6</sub> alkyl group;  
wherein if X is CO, A is NR.[I]]

2. (Original) The electrolyte of claim 1, wherein Y is selected from the group consisting of B, C, Si, N, P, and S.

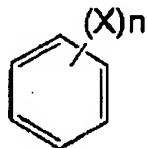
3. (Original) The electrolyte of claim 1, wherein X is selected from the group consisting of SO<sub>2</sub>, CO, SO, and PO.

4. (Original) The electrolyte of claim 1, wherein the additive is provided in an amount between 0.01 and 10 wt% of the weight of the non-aqueous organic solvent.

5. (Original) The electrolyte of claim 1, wherein the non-aqueous organic solvent is selected from the group consisting of cyclic carbonates, linear carbonates, esters, ethers, ketones and mixtures thereof.

6. (Original) The electrolyte of claim 5, wherein the non-aqueous organic solvent further comprises a halogenated benzene represented by formula 2[.]]:

Appln No. 10/743,638  
Am dt date November 27, 2006  
Reply to Office action of October 26, 2006



(2)

where X is F, Cl, Br or I, and n is an integer from 1 to 3.

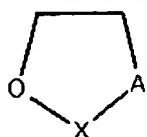
7. (Original) The electrolyte of claim 6, wherein the halogenated benzene is provided in an amount between 1 and 20 parts by weight based on 100 parts by weight of the electrolyte.

8. (Original) The electrolyte of claim 1, wherein the lithium salt is selected from the group consisting of lithium hexafluorophosphate ( $\text{LiPF}_6$ ), lithium tetrafluoroborate ( $\text{LiBF}_4$ ), lithium perchlorate ( $\text{LiClO}_4$ ), lithium trifluoromethanesulfonate ( $\text{CF}_3\text{SO}_3\text{Li}$ ), lithium hexafluoroarsenate ( $\text{LiAsF}_6$ ) and mixtures thereof.

9. (Original) A rechargeable lithium battery comprising:  
an electrolyte comprising a non-aqueous organic solvent, a lithium salt and  
an additive represented by formula 1:

a positive electrode comprising a positive active material which is capable of intercalating and deintercalating lithium; and

a negative electrode comprising a negative active material which is capable of intercalating and deintercalating lithium; and



(1)

where X is a functional group that includes Y, where Y is an element belonging to Groups 3, 4, 5 or 6 of the Periodic Table; A is O or NR, where R is a  $C_1$  to  $C_6$  alkyl group; and if X is CO, A is NR.

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10. (Original) The rechargeable lithium battery of claim 9, wherein Y is selected from the group consisting of B, C, Si, N, P, and S.

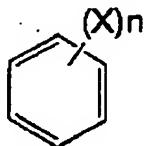
11. (Original) The rechargeable lithium battery of claim 1, wherein X is selected from the group consisting of SO<sub>2</sub>, CO, SO, and PO.

12. (Original) The rechargeable lithium battery of claim 9, wherein the additive is provided in an amount from 0.01 to 10 wt% of the weight of the non-aqueous organic solvent.

13. (Original) The rechargeable lithium battery of claim 9, wherein the negative active material is selected from the group consisting of crystalline carbon, amorphous carbon and carbon composites.

14. (Original) The rechargeable lithium battery of claim 9, wherein the non-aqueous organic solvent is selected from the group consisting of cyclic carbonates, linear carbonates, esters, ethers, ketones and combinations thereof.

15. (Original) The rechargeable lithium battery of claim 14, wherein the non-aqueous organic solvent further comprises a halogenated benzene represented by formula 2:



(2)

where X is F, Cl, Br or I, and n is an integer from 1 to 3.

16. (Original) The rechargeable lithium battery of claim 15, wherein the halogenated benzene is provided in an amount from 1 to 20 parts by weight based on 100 parts by weight of the electrolyte.

17. (Original) The rechargeable lithium battery of claim 9, wherein the lithium salt is selected from the group consisting of lithium hexafluorophosphate (LiPF<sub>6</sub>), lithium tetrafluoroborate (LiBF<sub>4</sub>), lithium perchlorate (LiClO<sub>4</sub>), lithium trifluoromethanesulfonate (CF<sub>3</sub>SO<sub>3</sub>Li), lithium hexafluoroarsenate (LiAsF<sub>6</sub>) and combinations thereof.

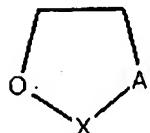
18. (Original) An electrolyte for a rechargeable lithium battery comprising:

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a non-aqueous organic solvent;

a lithium salt; and

an additive of the form



where X is selected from the group consisting of SO<sub>2</sub>, CO, SO and PO and A is selected from the group consisting of O and NR where R is a C<sub>1</sub> to C<sub>6</sub> alkyl group, wherein, if X is CO, A is NR.

19. (New) The electrolyte of claim 18 wherein X is SO<sub>2</sub> and A is O.

20. (New) The electrolyte of claim 19 wherein the non-aqueous organic solvent is a mixed solvent comprising at least one cyclic carbonate, at least one linear carbonate, and a halogenated benzene.

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REMARKS/ARGUMENTS

In response to the October 26, 2006 restriction requirement, applicant elects the additive represented by Formula (1a) in which Y is S, X is SO<sub>2</sub>, and A is O. For the solvent, applicant elects a mixed solvent comprising one or more cyclic carbonates, one or more linear carbonates, and a halogenated benzene. This election is made without traverse.

Applicant submits that all of original claims 1-18 read on the elected species. New claims 19 and 20 have been added by amendment, and both read on the elected species. Claims 1-18 are generic as to the additive, and claims 1-5, 8-14, and 17-19 are generic as to the solvent.

Applicant has also amended the Cross-Reference to Related Application and claims 1 and 6 to correct typographical errors.

Claims 1-20 remain in this application. Applicant submits that all issues from the October 26, 2006 Office action have been addressed, however, if there are any remaining questions, the examiner is asked to contact applicant's counsel at the number below.

Respectfully submitted,  
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DAP/rjl

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